



STIC Search Report

EIC 2100

STIC Database Tracking Number: 113987

**TO: Tam (Jenny) T. Phan
Location: Cpk2 2A32
Art Unit : 2144
Thursday, February 12, 2004**

Case Serial Number: 09/614238

**From: David Holloway
Location: EIC 2100
PK2-4B30
Phone: 308-7794**

david.holloway@uspto.gov

Search Notes

Dear Examiner Phan,

Attached please find your search results for above-referenced case.
Please contact me if you have any questions or would like a re-focused search.

David

SEARCH REQUEST FORM

Scientific and Technical Information Center

(37)

Requester's Full Name: PHAN, TAM T. Examiner #: 79910 Date: 02/10/04
 Art Unit: 2144 Phone Number: 305-4665 Serial Number: 09/614,238
 Mail Box and Bldg/Room Location: CPR2-2A32 Results Format Preferred (circle): Paper Disk E-mail

If more than one search is submitted, please prioritize searches in order of need.

 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: INTERACTIVE MULTIPLE-VIDEO WEBCAM CHATROOM

Inventors (please provide full names): GUY STONE; DANIEL SMITH; ALEXEY SMITH;
SALLY STONE

Earliest Priority Filing Date: 07/12/2000

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

A system which allows users to chat with each other while displaying live webcam images of more than one selected user within a chatroom environment wherein the live webcam images are displayed at the top of the page and have a uniform size. URLs of each live webcam images is requested and organized into a list that associates with an individual user. If a user does not have a live webcam image of himself/herself, a symbolic logo would appear in place of his/her image. The logo is updated at a specified interval to determine whether the live webcam image of the user is available. The chatroom should have a list of other online users where the user can select webcam images or image logo to view while chatting.

Keywords:

chatroom live webcam image live video image URLs uniform size
 symbolic logo chatroom layout chatter webcamera list of usernames
 text chat area available chatroom

STAFF USE ONLY

Searcher: David Holloway
 Searcher Phone: 308-7794
 Searcher Location: CPR2 4B30
 Date Searcher Picked Up: 2-10-04
 Date Completed: 2-12-04
 Searcher Prep & Review Time: 60
 Clerical Prep Time: _____
 Online Time: 2.25

Type of search

NA Sequence (#) _____
 AA Sequence (#) _____
 Structure (#) _____
 Bibliographic ☒
 Litigation _____
 Full Text ☒
 Patent Family _____
 Other _____

Vendors and cost where applicable

STN _____
 Dialog #1032/100
 Questel/Orbit _____
 Dr. Link _____
 Lexis/Nexis _____
 Sequence System _____
 WWW/Internet _____
 Other (specify) _____

Set	Items	Description
S1	2592	ICQ OR IRC OR VIDEOCHAT? OR CUCME OR CHATROOM? OR IM OR INSTANT()MESSAG? OR CHAT?? OR VIDEOCONFERENC? OR WEBCHAT? OR WEBCAM? OR (VIDEO OR WEB)() (CHAT? OR CAM? ? OR CONFERENC?)
S2	5035	(MULTIPL? OR PLURAL? OR MANY OR SEVERAL? OR TWO OR 2 OR 2ND OR VARIOUS?) (2N) (WINDOW? OR FRAME? OR IMAGE? OR BOX?) OR MULTIFRAME? OR MULTIWINDOW? OR MULTISTREAM? OR SPLITSCREEN? OR SPLIT()SCREEN?
S3	909	URL OR (UNIFORM? OR UNIVERSAL)()RESOURCE()LOCATOR? OR INTERNET()ADDRESS?
S4	64539	NAMES OR PERSON? OR PARTY OR PARTIES OR USER? OR MEMBER? OR INDIVIDUAL? OR PARTICIPANT?
S5	4423	ICON? ? OR AVATAR? OR CARICATURE OR TOON OR CARTOON? ? OR -TOONS OR SKIN OR SKINS OR CHARACTER OR CHARACTERS
S6	0	S1(S)S2(S)S3(S)S4(S)S5
S7	10865	VIDEO? OR MPG? OR MPEG? OR (MOTION OR MOVING)() (PICTURE? OR IMAGE) OR MULTIMEDIA? OR MULTI()MEDIA? OR STREAMING()IMAGE?
S8	60	S1 AND S2 AND S7
S9	1	S8 AND S3
S10	47	S8 AND S4
S11	0	S10 AND S5
S12	13	S1 AND S2(3N)S7 AND S4
S13	14	S9 OR S12
S14	13	S13 NOT PY>1999
S15	13	S14 NOT PD>19990712

File 256:SoftBase:Reviews,Companies&Prods. 82-2004/Jan
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15/3,K/1

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01106682 DOCUMENT TYPE: Product

PRODUCT NAME: Conference Server (106682)

First Virtual Communications (665606)
3393 Octavius Dr #102
Santa Clara, CA 95054 United States
TELEPHONE: (408) 567-7200

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20021030

...can be configured to specific network topologies. It can also be scaled to meet increasing **user** demand. Conference Server supports an unlimited number of linked or cascade conferences. The solution's continuous presence feature allows **users** to display **multiple video windows** simultaneously. A straightforward interface allows **participants** to configure conference settings with standard browsers. Conference Server has encrypted T.120 data collaboration...

DESCRIPTORS: Conferencing; Groupware; Meetings & Conventions; Network
 Servers; Network Software; **Videoconferencing**

Set	Items	Description
S1	620361	ICQ OR IRC OR VIDEOCHAT? OR CUCME OR CHATROOM? OR IM OR INSTANT()MESSAG? OR CHAT?? OR VIDEOCONFERENC? OR WEBCHAT? OR WEBCAM? OR (VIDEO OR WEB) () (CHAT? OR CAM? ? OR CONFERENC?)
S2	430208	(MULTIPL? OR PLURAL? OR MANY OR SEVERAL? OR TWO OR 2 OR 2ND OR VARIOUS?) (2N) (WINDOW? OR FRAME? OR IMAGE? OR BOX?) OR MULTIFRAME? OR MULTIWINDOW? OR MULTISTREAM? OR SPLITSCREEN? OR SPLIT()SCREEN?
S3	1173107	URL OR (UNIFORM? OR UNIVERSAL) ()RESOURCE()LOCATOR? OR INTERNET()ADDRESS?
S4	20162956	NAMES OR PERSON? OR PARTY OR PARTIES OR USER? OR MEMBER? OR INDIVIDUAL? OR PARTICIPANT?
S5	2051992	ICON? ? OR AVATAR? OR CARICATURE OR TOON OR CARTOON? ? OR - TOONS OR SKIN OR SKINS OR CHARACTER OR CHARACTERS
S6	2	S1(S)S2(S)S3(S)S4(S)S5
S7	4369541	VIDEO? OR MPG? OR MPEG? OR (MOTION OR MOVING) () (PICTURE? OR IMAGE) OR MULTIMEDIA? OR MULTI()MEDIA? OR STREAMING()IMAGE?
S8	1806	S1(S)S2(S)S7
S9	35	S8(S)S5
S10	822	S8(S) (S4 OR S5)
S11	1196	S1(10N)S2(10N)S7
S12	306	S11(10N) (S4 OR S5)
S13	0	S11(10N)S3
S14	0	S11(S)S3
S15	10	S11(S)S4(S)S5
S16	36	S9 OR S6 OR S15
S17	29	RD (unique items)
S18	19	S17 NOT PY>2000
S19	18	S18 NOT PD=20000712:20020712
S20	18	S19 NOT PD=20020712:20040301
File 275:Gale Group Computer DB(TM) 1983-2004/Feb 12 (c) 2004 The Gale Group		
File 47:Gale Group Magazine DB(TM) 1959-2004/Feb 11 (c) 2004 The Gale group		
File 75:TGG Management Contents(R) 86-2004/Feb W1 (c) 2004 The Gale Group		
File 636:Gale Group Newsletter DB(TM) 1987-2004/Feb 12 (c) 2004 The Gale Group		
File 16:Gale Group PROMT(R) 1990-2004/Feb 12 (c) 2004 The Gale Group		
File 624:McGraw-Hill Publications 1985-2004/Feb 12 (c) 2004 McGraw-Hill Co. Inc		
File 484:Periodical Abs Plustext 1986-2004/Feb W2 (c) 2004 ProQuest		
File 613:PR Newswire 1999-2004/Feb 12 (c) 2004 PR Newswire Association Inc		
File 813:PR Newswire 1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc		
File 141:Readers Guide 1983-2004/Jan (c) 2004 The HW Wilson Co		
File 696:DIALOG Telecom. Newsletters 1995-2004/Feb 11 (c) 2004 The Dialog Corp.		
File 553:Wilson Bus. Abs. FullText 1982-2004/Jan (c) 2004 The HW Wilson Co		
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Feb 12 (c) 2004 The Gale Group		
File 674:Computer News Fulltext 1989-2004/Feb W2 (c) 2004 IDG Communications		
File 88:Gale Group Business A.R.T.S. 1976-2004/Feb 12 (c) 2004 The Gale Group		
File 369:New Scientist 1994-2004/Feb W1 (c) 2004 Reed Business Information Ltd.		
File 160:Gale Group PROMT(R) 1972-1989 (c) 1999 The Gale Group		
File 635:Business Dateline(R) 1985-2004/Feb 12 (c) 2004 ProQuest Info&Learning		
File 15:ABI/Inform(R) 1971-2004/Feb 12 (c) 2004 ProQuest Info&Learning		

File 9:Business & Industry(R) Jul/1994-2004/Feb 11
(c) 2004 Resp. DB Svcs.
File 13:BAMP 2004/Jan W4
(c) 2004 Resp. DB Svcs.
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 610:Business Wire 1999-2004/Feb 12
(c) 2004 Business Wire.
File 647:CMP Computer Fulltext 1988-2004/Feb W1
(c) 2004 CMP Media, LLC
File 148:Gale Group Trade & Industry DB 1976-2004/Feb 12
(c)2004 The Gale Group

20/3,K/5 (Item 1 from file: 813)

DIALOG(R)File 813:PR Newswire

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1105811

LAM048

Corel Computer Chooses IGS CyberPro2000 TVDirect Accelerator for its Video Network Computer

DATE: June 2, 1997

11:00 EDT

WORD COUNT: 763

...resolution true color video modes, namely 640x420, 800x600 and 1024x768. It also performs high quality **video** capture with filtering through the **video** port, providing the foundation for the CorelVNC **video conferencing** solution.

CyberPro2000 has **multiple** hardware **windows** with scaling capability from 32x32 **icon** size to full screen. For a complete **video conferencing** solution, **users** may select the CorelVIDEO CompressionCAM with built-in CODEC, or the low cost CorelCAM analog camera. The camera is simply plugged in the composite video port for instant **video conferencing**.

With the CyberPro2000 on-chip TV encoder and TVDirect(TM) technology (proprietary flicker reduction), the..

041216

**Videoconferencing today: Not a pretty picture
Review, Network World Test alliance**

Byline: Kristin Marks

Journal: Network World Page Number: 47

Publication Date: December 05, 1994

Word Count: 2402 Line Count: 208

Text:

If you need to conduct a desktop **videoconference** today, your existing LAN cable and phone system will be stretched to the max. Call...

...an airplane and show up in person. We looked at products that offer both desktop **videoconferencing** and a collaborative work space - Alpha Systems Lab, Inc.s MegaConference and InVision Systems Corp...

...Alpha Systems' MegaConference, none of the products have what users want from an ideal desktop **videoconferencing** system. Products in this category may fall into at least three categories. Dial-up **videoconferencing**, such as MegaConference, runs over modems and telephone lines, and may be appropriate for remote...

...also comes with a 28.8K bit/sec fax/modem board and a Lightning II **video** board. The Lightning II VESA VGA board replaces whatever **video** board you have installed in your system. That means you can kiss your 64-bit...

... setup from the DOS prompt to let Windows know you have a new Lightning II **video** card. Then you run the setup three times from inside Windows to install the MegaMotion...

... POTS, so its performance is limited by the speed of the modem link. The MegaMotion **video** capture board uses Joint Photographic Experts Group (JPEG) compression techniques and overlays to force the **video** across standard phone lines. Unfortunately, you need a second phone line for voice communications. However...

... line is an expedient way around the voice/picture synchronization problem that plagues so many **videoconferencing** products. Three programs are installed, and they need to be run in the appropriate order...

... product. Digivideo, installed in its own Windows program group, adjusts the picture quality of your **video** input. It has a Troubleshoot button that leads you through the fine-tuning process. The...

... button bar at the top of the screen. Functions such as the phone book and **chat** dialog boxes appear as minimized **icons**. Your own **video** image is always open so you can tell if your camera is aimed at your...

... All you need is the recipient's phone number for quick calls. Unlike most desktop **videoconferencing** products, the **video** picture can be expanded past quarter-screen size. Bigger doesn't necessarily mean better, though...

... sec - about what you'd expect for 28.8K bit/sec. By contrast, full motion **video** is 30 frame/sec, so when **videoconferencing** over modem lines, you really feel like you're looking at a series of still shots. You can control what the remote call participant sees in terms of **video** quality, size and contrast. There is no visual clue to the remote user that you...

...frame rates, you're not going to get much benefit from this product from the **video** alone. You need a good collaborative work space - but the MegaConference work space isn't... references to incorrectly labeled figures, and technical support. When I called for help with a **video** display problem, I was never asked what kind of system I had, what kind of

...
...reach - geographically or financially - of ISDN or switched 56K bit/sec, the product needs improvement. **VIDEOCONFERENCE** VISION InVision Systems' InVision has been shipping since July 1993 and looks positively grown-up...

... own, which you may see as either positive or negative. InVision is compatible with any **video** capture board supported by Microsoft Corp.'s **Video** for Windows. InVision Systems bundles InVision for **videoconferencing** and VisionGraphics for desktop conferencing into the same box. InVision currently supports only point-to...

...VisionGraphics supports multicast already. Even though the documentation says the product runs over modems, the **videoconferencing** product doesn't. You can only **videoconference** over LANs because InVision uses either TCP/IP or Novell, Inc.'s IPX/SPX for...

...seconds or so. If you route this network traffic over your WAN, then you can **videoconference** on the same WAN. But you can't directly dial out of your modem - yet...

... bit/sec or higher modems. InVision's installation was painless. We used Intel Corp. Smart **Video** Recorder boards for **video** capture, the same Toshiba cameras that came with the Alpha Systems product as well as...

... for faxing to the company. Don't try to run this product without local bus **video** and an accelerator card. It just can't handle it. We ran a conference between...

... frame next to the window says ``Picture not available.'' Snapshots are easy to take. Anytime **video** is running, you can click on the 35mm camera button on the button bar and...

... roll of film, 36 snapshots can be stored on this roll. Users access audio and **video** controls through a button bar, and you can adjust the **video** frame rate. The frame rate you control is actually how fast the computer at the other end of the link sends **video**. Sending 1 or 2 **frame** /sec eats about 64K bit/sec of bandwidth; 3 to 5 frame/sec doubles the... to the network, however, InVision did a better job of synchronizing the audio with the **video** if we stepped down to 10 frame/sec. VisionGraphics, InVision Systems' collaborative whiteboard application, has ...

...page 45). The good news is that you don't need to be running the **video** application to use this application. We would like to see more integration between the two...

...metaphors and don't share the same address data. If you want to have a **video** call and work on a document with someone, you have to make two calls - one to establish the **video** link and another to establish the shared work space. VisionGraphics supports private data areas and...

... own product. MegaConference and InVision represent two points at the lower end of today's **videoconferencing** spectrum. **Videoconferencing** on larger systems provides better quality **video** but represents a significant investment in what are still proprietary systems. For now, I'll...

20/3,K/15 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire
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00239259 20000322082B8368 (USE FORMAT 7 FOR FULLTEXT)
Avaterterra.com, Inc. Announces the Release of New Media Interface, Offering Consumers an Exceptional Online Multimedia Experience
Business Wire
Wednesday, March 22, 2000 10:06 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 605

TEXT:

...in compatible with Microsoft Explorer and Netscape Navigator. The new interface provides exceptional flexibility, with **multiple** fixed **windows** that allow consumers to experience a variety of content simultaneously. While inside a virtual community, **users** can view a streaming **video** clip, view an advertiser's **URL**, and **chat** with other **users** ' **avatars** (virtual selves) at the same time, on one screen. The Media Interface also has an active map, which allows for quick navigation when visiting a virtual world. **Users** can customize their environment by linking virtual objects to web pages, web sites, and anything...

Set	Items	Description
S1	192597	ICQ OR IRC OR VIDEOCHAT? OR CUCME OR CHATROOM? OR IM OR INSTANT()MESSAG? OR CHAT?? OR VIDEOCONFERENC? OR WEBCHAT? OR WEBCAM? OR (VIDEO OR WEB)() (CHAT? OR CAM? ? OR CONFERENC?)
S2	155517	(MULTIPL? OR PLURAL? OR MANY OR SEVERAL? OR TWO OR 2 OR 2ND OR VARIOUS?) (2N) (WINDOW? OR FRAME? OR IMAGE? OR BOX?) OR MULTIFRAME? OR MULTIWINDOW? OR MULTISTREAM? OR SPLITSCREEN? OR SPLIT()SCREEN?
S3	3824	URL OR (UNIFORM? OR UNIVERSAL)()RESOURCE()LOCATOR? OR INTERNET()ADDRESS?
S4	4119860	NAMES OR PERSON? OR PARTY OR PARTIES OR USER? OR MEMBER? OR INDIVIDUAL? OR PARTICIPANT?
S5	5799174	ICON? ? OR AVATAR? OR CARICATURE OR TOON OR CARTOON? ? OR -TOONS OR SKIN OR SKINS OR CHARACTER?
S6	622568	VIDEO? OR MPG OR MPEG? OR (MOTION OR MOVING)() (PICTURE? OR IMAGE) OR MULTIMEDIA? OR MULTI()MEDIA? OR STREAMING()IMAGE?
S7	227	S1 AND S2 AND S6
S8	78	S7 AND (S3 OR S4 OR S5)
S9	68	RD (unique items)
S10	56	S9 NOT PY>2000
S11	56	S10 NOT PD=20000712:20020712
S12	56	S11 NOT PD=20020712:20040301
File	8: Ei Compendex(R) 1970-2004/Feb W1	(c) 2004 Elsevier Eng. Info. Inc.
File	35: Dissertation Abs Online 1861-2004/Jan	(c) 2004 ProQuest Info&Learning
File	202: Info. Sci. & Tech. Abs. 1966-2004/Jan 20	(c) 2004 EBSCO Publishing
File	65: Inside Conferences 1993-2004/Feb W2	(c) 2004 BLDSC all rts. reserv.
File	2: INSPEC 1969-2004/Feb W1	(c) 2004 Institution of Electrical Engineers
File	94: JICST-EPlus 1985-2004/Feb W1	(c) 2004 Japan Science and Tech Corp(JST)
File	111: TGG Natl. Newspaper Index(SM) 1979-2004/Feb 10	(c) 2004 The Gale Group
File	233: Internet & Personal Comp. Abs. 1981-2003/Sep	(c) 2003 EBSCO Pub.
File	6: NTIS 1964-2004/Feb W2	(c) 2004 NTIS, Intl Cpyrght All Rights Res
File	144: Pascal 1973-2004/Feb W1	(c) 2004 INIST/CNRS
File	34: SciSearch(R) Cited Ref Sci 1990-2004/Feb W2	(c) 2004 Inst for Sci Info
File	99: Wilson Appl. Sci & Tech Abs 1983-2004/Jan	(c) 2004 The HW Wilson Co.

12/5/2 (Item 2 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
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05811809 E.I. No: EIP01204959158

Title: Immersive teleconferencing: A new algorithm to generate seamless panoramic video imagery

Author: Majumder, Aditi; Gopi, M.; Seales, W.Brent; Fuchs, Henry
Corporate Source: Univ of North Carolina at Chapel Hill, Chapel Hill, NC, United States

Conference Title: Proceedings of the 1999 7th International Multimedia Conference - ACM MULTIMEDIA '99

Conference Location: Orlando, FL, USA Conference Date: 19991030-19991105

Sponsor: ACM

E.I. Conference No.: 56197

Source: Proceedings of the ACM International Multimedia Conference & Exhibition 1999. ACM, New York, NY, United States

Publication Year: 1999

CODEN: 002179

Language: English

Document Type: CA; (Conference Article) Treatment: A; (Applications); G; (General Review)

Journal Announcement: 0105W2

Abstract: This paper presents a new algorithm for immersive teleconferencing, which addresses the problem of registering and blending **multiple images** together to create a single seamless panorama. In the immersive teleconference paradigm, one frame of the teleconference is a panorama that is constructed from a compound-image sensing device. These frames are rendered at the remote site on a projection surface that surrounds the **user**, creating an immersive feeling of presence and participation in the teleconference. Our algorithm efficiently creates panoramic frames for a teleconference session that are both geometrically registered and intensity blended. We demonstrate a prototype that is able to capture images from a compound-image sensor, register them into a seamless panoramic frame, and render those panoramic frames on a projection surface at 30 frames per second. (Author abstract) 13 Refs.

Descriptors: **Multimedia** systems; **Video conferencing**; Algorithms; **Video** signal processing; Image reconstruction; Image enhancement; Image quality; Sensor data fusion

Identifiers: Panoramic **video** imagery; Compound-image sensing device

Classification Codes:

723.5 (Computer Applications); 716.4 (Television Systems & Equipment); 723.2 (Data Processing); 732.2 (Control Instrumentation)

723 (Computer Software, Data Handling & Applications); 716 (Electronic Equipment, Radar, Radio & Television); 732 (Control Devices)

72 (COMPUTERS & DATA PROCESSING); 71 (ELECTRONICS & COMMUNICATION ENGINEERING); 73 (CONTROL ENGINEERING)

12/5/4 (Item 4 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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04907805 E.I. No: EIP98014020989

Title: Coded-domain video combiner for multipoint continuous presence video conferencing

Author: Sun, M.-T.; Loui, A.C.; Chen, T.-C.

Corporate Source: Univ of Washington, Seattle, WA, USA

Source: IEEE Transactions on Circuits and Systems for Video Technology v
7 n 6 Dec 1997. p 855-863

Publication Year: 1997

CODEN: ITCTEM ISSN: 1051-8215

Language: English

Document Type: JA; (Journal Article) Treatment: A; (Applications); T;
(Theoretical); X; (Experimental)

Journal Announcement: 9803W2

Abstract: This paper presents a coded-domain combining technique which can accommodate up to six **users** for continuous-presence multipoint **video conferencing**. This technique is based on a group-of-block (GOB) **video** unit in the H.261 **video** standard. Three important technical issues including frame rate synchronization, combiner delay accumulation, and potential quality degradation at the GOB boundary, are addressed. A frame rate synchronization scheme is proposed for the coded-domain combiner. It is observed that delay accumulation will not occur at the combiner with the proposed multiplexing strategy. Further, simulation results indicate that the output perceptual quality is very comparable even without special motion search handling at the GOB boundary. This implies that the proposed scheme can be applied to standard terminals. Finally, we demonstrate the viability of this software-based coded-domain combiner for continuous-presence multipoint **video conferencing** with a fully functional experimental prototype built around a low-cost **personal** computer. (Author abstract) 4 Refs.

Descriptors: Teleconferencing; **Video** cameras; Synchronization;
Multiplexing; Computer simulation; **Image** quality; Image coding

Identifiers: **Video** combiners

Classification Codes:

718.1 (Telephone Systems & Equipment); 716.4 (Television Systems &
Equipment); 723.2 (Data Processing)

718 (Telephone & Line Communications); 716 (Radar, Radio & TV
Electronic Equipment); 723 (Computer Software)

71 (ELECTRONICS & COMMUNICATIONS); 72 (COMPUTERS & DATA PROCESSING)

12/5/6 (Item 6 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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04265195 E.I. No: EIP95102888928

Title: User -centered video : transmitting video images based on the user 's interest

Author: Yamaashi, Kimiya; Kawamata, Yukihiro; Tani, Masayuki; Matsumoto, Hidekazu

Corporate Source: Hitachi Research Lab, Hitachi, Ltd, Ibaraki, Jpn

Conference Title: Proceedings of the Conference on Human Factors in Computing Systems. Part 1 (of 2)

Conference Location: Denver, CO, USA **Conference Date:** 19950507-19950511

Sponsor: ACM

E.I. Conference No.: 43724

Source: Human Factors in Computing Systems (CHI) - Conference Proceedings v 1 1995. ACM, New York, NY, USA. p 325-330

Publication Year: 1995

CODEN: 002163

Language: English

Document Type: CA; (Conference Article) **Treatment:** G; (General Review)

Journal Announcement: 9512W1

Abstract: Many applications, such as video conference systems and remotely controlled systems, need to transmit multiple video images through narrow band networks. However, high quality transmission of the video images is not possible within the network bandwidth. This paper describes a technique, User -Centered Video (UCV), which transmits multiple video images through a network by changing quality of the video images based on a user 's interest. The UCV assigns a network data rate to each video image in proportion to the user 's interest. The UCV transmits video images of interest with high quality, while degrading the remaining video images. The video images are degraded in the space and time domains (e.g., spatial resolution, frame rate) to fit them into the assigned data rates. The UCV evaluates the degree of the user 's interest based on the window layouts. The user thereby obtains both the video images of interest, in detail, and the global context of video images, even through a narrow band network. (Author abstract) 8 Refs.

Descriptors: Image communication systems; User interfaces; Telecommunication networks; Image coding; Image compression; Computer networks; Teleconferencing; Remote control; Bandwidth; Image quality

Identifiers: User -centered video ; Multiple video images ; Digital video ; Computing resources; Narrow band network

Classification Codes:

722.2 (Computer Peripheral Equipment); 723.2 (Data Processing); 722.3 (Data Communication, Equipment & Techniques); 723.5 (Computer Applications)

716 (Radar, Radio & TV Electronic Equipment); 722 (Computer Hardware); 723 (Computer Software)

71 (ELECTRONICS & COMMUNICATIONS); 72 (COMPUTERS & DATA PROCESSING)

12/5/11 (Item 11 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)
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02116154 E.I. Monthly No: EIM8609-058897

Title: VIDEO WORKPLACE CONFERENCE.

Author: Klein, Peter

Corporate Source: Siemens AG, West Ger

Conference Title: GLOBECOM '85: IEEE Global Telecommunications Conference
- Conference Record.

Conference Location: New Orleans, LA, USA Conference Date: 19851202

Sponsor: IEEE Communications Soc, New York, NY, USA; IEEE, New Orleans
Section, New Orleans, LA, USA

E.I. Conference No.: 08283

Source: Publ by IEEE, New York, NY, USA. Available from IEEE Service Cent
(Cat n 85CH2190-7), Piscataway, NJ, USA p 109-112

Publication Year: 1985

Language: English

Document Type: PA; (Conference Paper)

Journal Announcement: 8609

Abstract: A form of **video conference** in which **individual** conferees participate by remaining at their workplaces (**Video -A-Conference**) promises considerable benefits compared with the type of **video conference** in which two groups of **participants** assemble in conference rooms. The concept of use is discussed, and the problems of presenting the conferees by **video** and audio are considered. The criteria for a suitable terminal are described. Finally, the demands which will be made on network equipment for this form of conference are discussed.

Descriptors: TELECONFERENCING; TELEPHONE EQUIPMENT-- **Video** Telephone;
AUDIO SYSTEMS

Identifiers: **VIDEO -A-CONFERENCE**; **VIDEO** AND AUDIO TECHNIQUES; **VIDEO**
WORKPLACE CONFERENCE; **SPLIT - SCREEN** PRESENTATION

Classification Codes:

718 (Telephone & Line Communications); 752 (Sound Equipment & Systems)

71 (ELECTRONICS & COMMUNICATIONS); 75 (ACOUSTICAL TECHNOLOGY)

12/5/14 (Item 14 from file: 8)
DIALOG(R) File 8: Ei Compendex(R)
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01885052 E.I. Monthly No: EIM8508-045946

Title: VOICE SWITCHING SYSTEM FOR VIDEOCONFERENCE STUDIOS.

Author: Canavesio, Franco; Ceruti, Rodolfo; Gallo, Secondo

Corporate Source: Centro Studi e Lab Telecomunicazioni SpA, Perception
Dep, Turin, Italy

Conference Title: Proceedings of the International Teleconference
Symposium.

Conference Location: Sydney, Aust; Toronto, Ont, Can; Tokyo, Jpn; London,
Engl and Conference Date: 19840403

Sponsor: Overseas Telecommunication Commission, Aust; Teleglobe Canada,
Montreal, Que, Can; Kokusai Denshin Denwa, Jpn; British Telecom Int, Engl;
COMSAT, USA; Int Telecommunications Satellite Organization, Washington, DC,
USA

E.I. Conference No.: 06248

Source: Publ by Int Telecommunications Satellite Organization,
Washington, DC, USA p 52-56

Publication Year: 1984

ISBN: 0-916233-00-6

Language: English

Document Type: PA; (Conference Paper)

Journal Announcement: 8508

Abstract: A voice switching system for **videoconference** rooms is
described, controlled by talker signal levels, and performing both echo
suppression and **video** direction. The system includes a microprocessor and
works both automatically and under manual control, actuated by means of a
pushbutton switching board. The automatic direction mode selects between
full panel **split - screen** views and close-up pictures of active talkers.
It is based on an algorithm which evaluates the talker activity by dividing
participants in three categories: active, inactive and potentially active
talkers. By considering the latter category, most switchings are avoided
and a satisfactory **video** direction is obtained trading off between the
opposite requirements of timely transmission of active talker pictures and
a suitably slow switching rate. 8 refs.

Descriptors: *TELEVISION SYSTEMS, CLOSED CIRCUIT--*Design; AUDIO SYSTEMS
--Design; TELECOMMUNICATION SYSTEMS--Design

Identifiers: **VIDEOCONFERENCING** ; TELECONFERENCING; **SPLIT - SCREEN**
TECHNIQUES; ECHO SUPPRESSION; CONFERENCE ROOMS

Classification Codes:

716 (Radar, Radio & TV Electronic Equipment); 752 (Sound Equipment &
Systems); 718 (Telephone & Line Communications)

71 (ELECTRONICS & COMMUNICATIONS); 75 (ACOUSTICAL TECHNOLOGY)

12/5/15 (Item 15 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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01885050 E.I. Monthly No: EIM8508-045944

**Title: MULTIPOINT VIDEO TELECONFERENCING SYSTEM USING FIELD/ FRAME
TIME DIVISION MULTIPLEXING TECHNIQUE.**

Author: Kishino, Fumio; Okubo, Sakae; Hisaki, Takahiko; Murakami,
Shin-ichi

Corporate Source: NTT, Yokosuka Electrical Communication Lab, Yokosuka,
Jpn

Conference Title: Proceedings of the International Teleconference
Symposium.

Conference Location: Sydney, Aust; Toronto, Ont, Can; Tokyo, Jpn; London,
Engl and **Conference Date:** 19840403

Sponsor: Overseas Telecommunication Commission, Aust; Teleglobe Canada,
Montreal, Que, Can; Kokusai Denshin Denwa, Jpn; British Telecom Int, Engl;
COMSAT, USA; Int Telecommunications Satellite Organization, Washington, DC,
USA

E.I. Conference No.: 06248

Source: Publ by Int Telecommunications Satellite Organization,
Washington, DC, USA p 37-44

Publication Year: 1984

ISBN: 0-916233-00-6

Language: English

Document Type: PA; (Conference Paper)

Journal Announcement: 8508

Abstract: This paper describes the multipoint **video** teleconferencing
system which is actually offered in the experimental broadband
communication network of the INS Model System. The multipoint **video**
teleconferencing is achieved by two methods. The one, for **video** terminals
composed of a single camera and display, is the switched display method
which allows display of only one **party** at a time. The other, for
terminals composed of multiple cameras and displays with frame refresh
memories, is the simultaneous display method which can display plural
parties simultaneously using field/ **frame** time division **multiplexing**
technique. 3 refs.

Descriptors: *MULTIPLEXING EQUIPMENT--*Applications; TELEVISION SYSTEMS,
CLOSED CIRCUIT--Design; ELECTRIC NETWORKS--Analysis; TELECOMMUNICATION
SYSTEMS--Applications

Identifiers: **VIDEOCONFERENCING** ; TELECONFERENCING; TIME DIVISION
MULTIPLEXING; MULTIPOINT TECHNIQUES

Classification Codes:

716 (Radar, Radio & TV Electronic Equipment); 718 (Telephone & Line
Communications); 703 (Electric Circuits)

71 (ELECTRONICS & COMMUNICATIONS); 70 (ELECTRICAL ENGINEERING)

12/5/16 (Item 16 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
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01766046 E.I. Monthly No: EI8506051164 E.I. Yearly No: EI85116752

Title: VIDEO CONFERENCING SYSTEMS.

Author: Sabri, Shaker; Prasada, Birendra

Corporate Source: Bell-Northern Research, Video Systems Dep, Verdun, Que,
Can

Source: Proceedings of the IEEE v 73 n 4 Apr 1985 p 671-688

Publication Year: 1985

CODEN: IEEPAD **ISSN:** 0018-9219

Language: ENGLISH

Document Type: JA; (Journal Article) **Treatment:** G; (General Review); T;
(Theoretical)

Journal Announcement: 8506

Abstract: Several **video conferencing** systems are discussed. These include single **person** -camera, voice-switched, **split - screen** , continuous presence, and virtual space systems. Special emphasis is placed on the more recent **video conferencing** systems, i. e. , the continuous presence and the virtual space systems. The role of digital signal processing in the **video conferencing** environment is discussed. The interaction between service definition, the **video conferencing** system, and the digital signal processing requirements is highlighted. 68 refs.

Descriptors: TELEPHONE EQUIPMENT--* **Video** Telephone; SIGNAL PROCESSING--
Digital Techniques

Identifiers: **VIDEO CONFERENCING** ; VIRTUAL SPACE SYSTEMS; CONTINUOUS PRESENCE SYSTEM; SINGLE **PERSON** -CAMERA SYSTEM (SPC); VOICE-SWITCHED SYSTEM (VSW)

Classification Codes:

718 (Telephone & Line Communications)

71 (ELECTRONICS & COMMUNICATIONS)

12/5/17 (Item 17 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
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01742635 E.I. Monthly No: EI8504032568 E.I. Yearly No: EI85116978
Title: MULTI-POINT VIDEO TELECONFERENCING SYSTEM.
Author: Sawada, Katsutoshi; Eguchi, Yoshinori; Kishino, Fumio; Watanabe, Kazuhisa
Corporate Source: NTT, Image Transmission Lab, Tokyo, Jpn
Source: Denki Tsushin Kenkyusho Kenkyu Jitsuyoka Hokoku v 33 n 11 1984 p 2731-2741
Publication Year: 1984
CODEN: DTKKAA ISBN: 0-89883-815-0
Language: JAPANESE
Document Type: JA; (Journal Article) Treatment: A; (Applications)
Journal Announcement: 8504
Abstract: A multi-point **video** teleconferencing system has been developed to be used in the experimental broadband communication network for the INS Model System. This multi-point system employs multi-point communication control equipment (MPCE) which can provide for up to four-**party** meetings. The system has two kinds of **video** transmission-and-display methods. One is a switched method which allows display of only one **party** at a time. The other is a simultaneous method which facilitates simultaneous display of plural **parties** using field/**frame** time division **multiplexing** . 13 refs. In Japanese with English abstract.
Descriptors: *TELEVISION; TELECOMMUNICATION EQUIPMENT
Identifiers: **VIDEOCONFERENCING** ; INS MODEL SYSTEM; BROADBAND COMMUNICATION
Classification Codes:
716 (Radar, Radio & TV Electronic Equipment)
71 (ELECTRONICS & COMMUNICATIONS)

12/5/43 (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 EBSCO Pub. All rts. reserv.

00486240 98PI02-225

Four-way Internet conferencing

Ozer, Jan

PC Magazine , February 24, 1998 , v17 n4 p61, 1 Page(s)

ISSN: 0888-8507

Company Name: Galacticommm

URL: <http://www.gcomm.com>

Product Name: WebCast **Personal**

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: Microsoft Windows; IBM PC Compatible

Geographic Location: United States

Presents a favorable review of WebCast **Personal** (\$49, \$29 for download), an Internet broadcasting program from Galacticommm Technologies Inc., Fort Lauderdale, FL (800, 954). The program requires Windows 95 or NT 3.51 or higher, **video** source, SLIP/PPP, or direct Internet connection. It can broadcast a single audio/ **video image** to as **many** as four remote **users** over the Internet, with **chat** facilities. Playback is Java-driven, so remote **participants** do not require plug-ins or applications. In testing, the system, on a T1 connection, achieved 3 to 5 fps of fair quality **video** but the sound synchronization was poor, with lags up to 10 seconds. Text **chat** worked as advertised but **chat** contents could not be saved. This program works best in a situation where one wants to monitor a static scene periodically. Includes one screen display. (djd)

Descriptors: Broadcast Communication; **Videoconferencing** ; Internet; Sound

Identifiers: WebCast **Personal** ; Galacticommm

12/5/44 (Item 2 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 EBSCO Pub. All rts. reserv.

00444316 96PI12-141

G-Force 128

Hill, Jon

PC Magazine , December 3, 1996 , v15 n21 p296, 1 Page(s)

ISSN: 0888-8507

Company Name: Jazz **Multimedia**

Product Name: G-Force 128

Languages: English

Document Type: Hardware Review

Grade (of Product Reviewed): B

Geographic Location: United States

Presents a favorable review of the G-Force 128 (\$199 for 2MB memory), a graphics accelerator from Jazz **Multimedia** Inc., Santa Clara, CA (888, 408). The board provides good 2-D performance and nice **video** playback. Upon installation under Windows 95, the card had difficulty with the test-bed's DDC-2 Plug and Play monitor. At 1,024-by-768 it defaulted to an interlaced refresh rate of 87 Hz, well below its (and the monitor's) capabilities. This was overcome by changing the refresh rate in the Windows 95's Display Properties dialog box. The board provided excellent **video** playback and supports **multiple** simultaneous **video windows** which is useful for **videoconferencing**. In benchmark testing, the board placed in the top quarter of the 23 boards reviewed on 2-D graphics. The vendor plans to have the Plug and Play refresh rate problem solved by press time. It is a good choice for **users** on a budget. (djd)

Descriptors: Accelerator; Three-dimensional Graphics; Hardware Review

Identifiers: G-Force 128; Jazz **Multimedia**

Set	Items	Description
S1	635292	ICQ OR IRC OR VIDEOCHAT? OR CUCME OR CHATROOM? OR IM OR INSTANT()MESSAG? OR CHAT?? OR VIDEOCONFERENC? OR WEBCHAT? OR WEBCAM? OR (VIDEO OR WEB)() (CHAT? OR CAM? ? OR CONFERENC?)
S2	169673	(MULTIPL? OR PLURAL? OR MANY OR SEVERAL? OR TWO OR 2 OR 2ND OR VARIOUS?) (2N) (WINDOW? OR FRAME? OR IMAGE? OR BOX?) OR MULTIFRAME? OR MULTIWINDOW? OR MULTISTREAM? OR SPLITSCREEN? OR SPLIT()SCREEN?
S3	14985	URL OR (UNIFORM? OR UNIVERSAL)()RESOURCE()LOCATOR? OR INTERNET()ADDRESS?
S4	1037173	NAMES OR PERSON? OR PARTY OR PARTIES OR USER? OR MEMBER? OR INDIVIDUAL? OR PARTICIPANT?
S5	1023890	ICON? ? OR AVATAR? OR CHARACTER?
S6	22	S1(S)S2(S)S3(S)S4(S)S5
S7	5	S1(5N)S2(5N)(S3 OR S5)
S8	11	(S6 OR S7) AND IC=(G06F? OR H04L?)
S9	14	S7 OR S8
S10	127425	VIDEO? OR MPG? OR MPEG? OR (MOTION OR MOVING)() (PICTURE? OR IMAGE) OR MULTIMEDIA? OR MULTI()MEDIA? OR STREAMING()IMAGE?
S11	200	S1(15N)S2(15N)S10
S12	97	S11(S)(S4 OR S5 OR S3)
S13	109	S12 OR S9
S14	37	S13 AND IC=(G06F? OR H04L?)
S15	13	S14 NOT AD=20000712:20020712
S16	12	S15 NOT AD=20020712:20040301
S17	12	IDPAT (sorted in duplicate/non-duplicate order)
S18	11	IDPAT (primary/non-duplicate records only)
File 348:EUROPEAN PATENTS 1978-2004/Feb W01		
(c) 2004 European Patent Office		
File 349:PCT FULLTEXT 1979-2002/UB=20040205,UT=20040129		
(c) 2004 WIPO/Univentio		

18/5,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01136685

Distributed office system and management method thereof
System fur verteilte Buros und dafur geigentes Verwaltungsverfahren
Systeme de bureaux distribues et methode de gestion associee
PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542361), 30-2, 3-chome, Shimomaruko, Ohta-ku,
Tokyo, (JP), (Applicant designated States: all)

INVENTOR:

Sakakibara, Ken, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome,
Ohta-ku, Tokyo, (JP)
Kimura, Toshihiro, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome,
Ohta-ku, Tokyo, (JP)
Tadokoro, Yoshihisa, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome,
Ohta-ku, Tokyo, (JP)
Kato, Masami, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome, Ohta-ku,
Tokyo, (JP)

LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. High Holborn
2-5 Warwick Court, London WC1R 5DJ, (GB)

PATENT (CC, No, Kind, Date): EP 992926 A2 000412 (Basic)
EP 992926 A3 010829

APPLICATION (CC, No, Date): EP 99307863 991006;

PRIORITY (CC, No, Date): JP 98297606 981006; JP 99283885 991005

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT EP 992926 A2

Conventional apparatuses and communication application software are not developed to support distributed working, but are developed on the premise of the office and working mode of aggregate working, and it is therefore difficult to use them for an efficient distributed working. Moreover, in the distributed working in which the apparatuses and communication application software are disposed in a conventional home office, working efficiency is deteriorated, and as an additional problem, the amount of communications itself is decreased. Therefore, an object of the present invention is to provide a distributed office system and a method of managing the system, in which a plurality of user terminal devices installed in different places, and usually one host server device are connected via a communication network, so that a plurality of offices distributed in the different places can entirely function as one office space.

ABSTRACT WORD COUNT: 141

NOTE:

Figure number on first page: 7

LEGAL STATUS (Type, Pub Date, Kind, Text):

Search Report: 010829 A3 Separate publication of the search report
Application: 20000412 A2 Published application without search report
Examination: 020612 A2 Date of dispatch of the first examination
report: 20020426

Examination: 020403 A2 Date of request for examination: 20020121

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200015	3215
SPEC A	(English)	200015	10295
Total word count - document A			13510
Total word count - document B			0
Total word count - documents A + B			13510

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION for the electronic mail.

To solve the problem, one proposed conventional method comprises using the **video conference** software operating on the worker's **personal** computer to connect **images** of a **plurality** of workers, continuing the connection during the working time, and mutually checking working situation images...

18/5,K/2 (Item 2 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00995170

Multimedia mail in teleconferencing system
Multimedia-Post in Telekonferenzsystem
Courrier multimedia dans un systeme de teleconference
PATENT ASSIGNEE:

Collaboration Properties, Inc., (2892560), P.O. Box 7097, Suite 7, 913
Village Boulevard, Incline Village, Nevada 89452, (US), (Proprietor
designated states: all)

INVENTOR:

Ludwig, Lester F., 1230 Southdown, Hillsborough, California 94010, (US)
Lauwers, Chris J., 1225 Brentwood Street, Los Altos, CA 94024, (US)
Lantz, Keith A., 1225 Eureka Avenue, Los Altos, CA 94024, (US)
Burnett, Gerald J., 207 Atherton Avenue, Atherton, CA 94027, (US)
Burns, Emmett, P.O.Box 10279, 1555 S. Ely Springs Road, Jackson, Wyoming
83002, (US)

LEGAL REPRESENTATIVE:

Abnett, Richard Charles (27531), REDDIE & GROSE 16 Theobalds Road, London
WC1X 8PL, (GB)

PATENT (CC, No, Kind, Date): EP 899954 A2 990303 (Basic)
EP 899954 A3 990519
EP 899954 B1 030813

APPLICATION (CC, No, Date): EP 98120172 941003;

PRIORITY (CC, No, Date): US 131523 931001

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 721726 (EP 94930561)

INTERNATIONAL PATENT CLASS: H04N-007/15; H04M-003/56; H04M-003/50;

H04L-012/18

CITED PATENTS (EP B): EP 453128 A; WO 92/21211 A

CITED REFERENCES (EP B):

VENKAT RANGAN P: "VIDEO CONFERENCING, FILE STORAGE, AND MANAGEMENT IN
MULTIMEDIA COMPUTER SYSTEMS" COMPUTER NETWORKS AND ISDN SYSTEMS, vol.
25, no. 8, 1 March 1993, pages 901-919, XP000339082

SHIRO SAKATA ET AL: "DEVELOPMENT AND EVALUATION OF AN IN-HOUSE MULTIMEDIA
DESKTOP CONFERENCE SYSTEM" NEC RESEARCH AND DEVELOPMENT, no. 98, 1 July
1990, pages 107-117, XP000166140

KAZUTOSHI MAENO ET AL: "DISTRIBUTED DESKTOP CONFERENCING SYSTEM (MERMAID)
BASED ON GROUP COMMUNICATION ARCHITECTURE" IEICE TRANSACTIONS, vol.
E74, no. 9, 1 September 1991, pages 2765-2770, XP000272511;

ABSTRACT EP 899954 A2

A collaboration system that integrates separate real-time and asynchronous networks - the former for real-time audio and video, and the latter for control signals and textual, graphical and other data - in a manner which closely approximates the experience of face-to-face collaboration. These capabilities are achieved by exploiting a variety of hardware, software and networking technologies in a manner that preserves the quality and integrity of audio/video/data and other multimedia information, even after wide area transmission, and at a significantly reduced networking cost as compared to what would be required by presently known approaches. The system architecture is readily scalable to the largest enterprise network environments. It accommodates differing levels of collaborative capabilities available to individual users and permits high-quality audio and video capabilities to be readily superimposed onto existing personal computers and workstations (12) and their interconnecting LANs (10) and WANs (15). In the case of a plurality of geographically dispersed LANs (10) interconnected by a WAN (15), the demands made on the WAN are significantly reduced by employing multi-hopping techniques, including avoiding the unnecessary decompression of data at intermediate hops, as well as video mosaicing and cut-and-paste technology.

ABSTRACT WORD COUNT: 191

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 010912 A2 Inventor information changed: 20010720
Examination: 20000112 A2 Date of dispatch of the first examination
report: 19991129
Grant: 030813 B1 Granted patent
Change: 030813 A2 Inventor information changed: 20030625
Change: 011031 A2 Title of invention (French) changed: 20010907
Change: 011031 A2 Title of invention (English) changed: 20010907
Change: 011031 A2 Title of invention (German) changed: 20010907
Change: 020724 A2 Title of invention (German) changed: 20020603
Change: 020724 A2 Title of invention (English) changed: 20020603
Change: 020724 A2 Title of invention (French) changed: 20020603
Application: 990303 A2 Published application (Alwith Search Report
;A2without Search Report)
Change: 20000112 A2 Legal representative(s) changed 19991125
Assignee: 20000112 A2 Transfer of rights to new applicant:
Collaboration Properties, Inc. (2892560) P.O.
Box 7097, Suite 7, 913 Village Boulevard
Incline Village, Nevada 89452 US
Examination: 990303 A2 Date of filing of request for examination:
981110
Search Report: 990519 A3 Separate publication of the European or
International search report
Change: 990602 A2 Representative (change)
Change: 990609 A2 Inventor (change)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199909	1538
CLAIMS B	(English)	200333	1825
CLAIMS B	(German)	200333	1805
CLAIMS B	(French)	200333	2259
SPEC A	(English)	199909	21797
SPEC B	(English)	200333	21533
Total word count - document A			23339
Total word count - document B			27422
Total word count - documents A + B			50761

...INTERNATIONAL PATENT CLASS: H04L-012/18

...CLAIMS another participant; and

(iii) capture and store the video image and spoken audio of the
participants displayed during the video conference and the
data-related images shared during the data conference in the one or
more storage devices, so that the **video** and data conferences can be
played back later, including play back of both audio/ **video** and
data-related **images** .

2 . The teleconferencing system of claim 1, wherein the system is
configured to:

(i) allow any...

18/5,K/7 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00383911 **Image available**

**METHOD AND APPARATUS FOR ACTIVE WINDOW SELECTION AND APPLICATION ACTIVATION
PROCEDE ET APPAREIL POUR LA SELECTION DE FENETRES ACTIVES ET L'ACTIVATION
D'APPLICATIONS**

Patent Applicant/Assignee:

INTEL CORPORATION,
PORTER Daniel R,
BOSS Dale W,
ANDERSON David L,
SALVADOR Anthony C,
SKARBO Rune A,

Inventor(s):

PORTER Daniel R,
BOSS Dale W,
ANDERSON David L,
SALVADOR Anthony C,
SKARBO Rune A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9724654 A1 19970710
Application: WO 96US20605 19961224 (PCT/WO US9620605)
Priority Application: US 95578988 19951227

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-003/00

Publication Language: English

Fulltext Availability:

Detailed Description
Claims

Fulltext Word Count: 7208

English Abstract

A method and apparatus for simplifying active window selection and shared command execution in a computer system generates a menu corresponding to a first application of a plurality of applications which can be executed concurrently in the computer system. The menu identifies a subset of the plurality of applications whose corresponding windows can be made currently active. Additionally, one or more of the subset of applications is installed but is not executing at the computer system. A selection identifying one of the subset of applications is then received (610), and a window corresponding to the identified one of the subset of applications is made the currently active window (630). In one embodiment, the menu also includes a set of shared commands which can be executed in the computer system. These shared commands perform the same function for each application of the subset of applications. In this embodiment, upon selection of one of the shared commands from the menu, the selected command is executed (640).

French Abstract

Procédé et appareil pour la simplification de la sélection de fenêtres actives et l'exécution de commandes partagées dans un système informatique. Lesdits procédé et appareil permettent de générer un menu correspondant à une première application parmi d'autres qui peuvent être exécutées concurremment dans le système informatique. Le menu identifie un sous-ensemble de la pluralité d'applications dont les fenêtres correspondantes peuvent être rendues actives. De plus, un ou plusieurs sous-ensembles des applications peuvent être installés mais ne s'exécutent pas au niveau du système informatique. Une sélection identifiant un sous-ensemble des applications est ensuite reçue (610), et une fenêtre correspondant au sous-ensemble identifié des applications est transformée en fenêtre active (630). Dans un mode de réalisation, le menu

comporte egalement un ensemble de commandes partagees qui peuvent s'executer dans le systeme informatique. Ces commandes partagees remplissent la meme fonction pour chaque application du sous-ensemble d'applications. Dans ce mode de realisation, lors de la selection d'une des commandes partagees dans le menu, la commande selectionnee est executee (640).

Main International Patent Class: **G06F-003/00**

Fulltext Availability:

Detailed Description

Detailed Description

... displayed by each computer system, and frequently verbal discussions can accompany the images. Data and **video** can both be transmitted in a conferencing environment.

In a data and/or **video conference**, conference **participants** frequently need access to **multiple** applications and **windows** quickly. For example, a **video** window(s) displaying one or more additional conference **participants** as well as a **video** window(s) displaying one or more documents may be displayed at each conferencing end point...
...be beneficial to provide a mechanism which allows conference participants to easily and quickly access **multiple** application **windows** during a data and/or **video conference**.

Additionally, conference participants may need to execute an additional application(s) during a conference. For...

18/5,K/10 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00292009

MULTIMEDIA COLLABORATION SYSTEM
SYSTEME DE COLLABORATION MULTIMEDIA

Patent Applicant/Assignee:

VICOR INC,
LUDWIG Lester F,
LAUWERS J Chris,
LANTZ Keith A,
BURNETT Gerald J,
BURNS Emmett R,

Inventor(s):

LUDWIG Lester F,
LAUWERS J Chris,
LANTZ Keith A,
BURNETT Gerald J,
BURNS Emmett R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9510158 A2 19950413
Application: WO 94US11193 19941003 (PCT/WO US9411193)
Priority Application: US 93131523 19931001

Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB GE HU JP
KE KG KP KR KZ LK LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE SI SK
TJ TT UA US UZ VN KE MW SD SZ AT BE CH DE DK ES FR GB GR IE IT LU MC NL
PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: H04N-007/15

International Patent Class: H04M-03:56; H04L-12:18

Publication Language: English

Fulltext Availability:

Detailed Description
Claims

Fulltext Word Count: 29129

English Abstract

A collaboration system that integrates separate real-time and asynchronous networks - the former for real-time audio and video, and the latter for control signals and textual, graphical and other data - in a manner which closely approximates the experience of face-to-face collaboration. These capabilities are achieved by exploiting a variety of hardware, software and networking technologies in a manner that preserves the quality and integrity of audio/video/data and other multimedia information, even after wide area transmission, and at a significantly reduced networking cost as compared to what would be required by presently known approaches. The system architecture is readily scalable to the largest enterprise network environments. It accommodates differing levels of collaborative capabilities available to individual users and permits high-quality audio and video capabilities to be readily superimposed onto existing personal computers and workstations (12) and their interconnecting LANs (10) and WANs (15). In the case of a plurality of geographically dispersed LANs (10) interconnected by a WAN (15), the demands made on the WAN are significantly reduced by employing multi-hopping techniques, including avoiding the unnecessary decompression of data at intermediate hops, as well as video mosaicing and cut-and-paste technology.

French Abstract

Système de collaboration intégrant des réseaux asynchrones et en temps réel séparés - ces derniers étant destinés à des données audio et vidéo en temps réel, et les premiers étant destinés à des signaux de commande et à des données textuelles, graphiques et autres - d'une manière correspondant étroitement à une collaboration face à face réelle. Ces possibilités sont obtenues par l'exploitation d'une variété de technologies relatives aux matériels, aux logiciels et aux réseaux de façon à maintenir la qualité et l'intégrité de données audio/vidéo et autres informations multimedia, même après une transmission de longue

portee, et a des frais de connexion en reseau considerablement reduits par rapport aux frais encourus par des systemes actuellement connus. L'architecture du systeme peut etre aisement mise a l'echelle afin d'etre adaptee aux environnements de reseaux d'entreprises les plus importants. Elle offre a des utilisateurs individuels differents niveaux de possibilites de collaboration et permet d'adapter des possibilites de traitement audio/video de haute qualite a des ordinateurs individuels et a des postes de travail existants (12) ainsi qu'a leurs reseaux locaux (LAN) (10) et reseaux longue portee (WAN) d'interconnexion. Lorsqu'une pluralite de LAN (10) geographiquement disperses sont relies par un WAN (15), les exigences auxquelles ce dernier est soumis sont considerablement reduites grace a des techniques de bonds multiples, qui permettent notamment d'eviter toute decompression inutile de donnees au niveau de bonds intermediaires, ainsi que grace aux mosaïques video et a la technique couper-coller.

...International Patent Class: H04L-12:18

Fulltext Availability:

Detailed Description

Detailed Description

... invention) can be launched.

Returning to the example, the Expert is now enoraged in a **videoconference** with field

t) 0 In

representative 201 and his client 202. In the course of this **videoconference**, as illustrated in Fig. 36, the field representative shares with the Expert a graphical **image 2 1 0** (pie chart of client portfolio holdings) of his client's portfolio holdings (by clicking on his SHARE button, corresponding to the SHARE button in **video** window 203 of the Expert's screen, and selecting that image from his screen, resulting...

...the shared image appearing in the Share window 21 1 of the screen of all **participants** to

t@ C) t:1

the share) and begins to discuss the client's investment...

Set	Items	Description
S1	11873	ICQ OR IRC OR VIDEOCHAT? OR CUCME OR CHATROOM? OR IM OR INSTANT()MESSAG? OR CHAT?? OR VIDEOCONFERENC? OR WEBCHAT? OR WEBCAM? OR (VIDEO OR WEB)() (CHAT? OR CAM? ? OR CONFERENC?)
S2	245670	(MULTIPL? OR PLURAL? OR MANY OR SEVERAL? OR TWO OR 2 OR 2ND OR VARIOUS?) (2N) (WINDOW? OR FRAME? OR IMAGE? OR BOX?) OR MULTIFRAME? OR MULTIWINDOW? OR MULTSTREAM? OR SPLITSCREEN? OR SPLIT()SCREEN?
S3	5520	URL OR (UNIFORM? OR UNIVERSAL)()RESOURCE()LOCATOR? OR INTERNET()ADDRESS?
S4	3520	(NAMES OR USER? OR MEMBER? OR INDIVIDUAL? OR PARTICIPANT?) - (2N) (LIST?)
S5	1205844	ICON? ? OR AVATAR? OR CHARACTER?
S6	1535101	ONLINE OR ON()LINE? OR LIVE OR HOT OR AVAILABLE? OR ACTIV?
S7	1	S1 AND S2 AND S6(2N) (USER? OR MEMBER? OR INDIVIDUAL? OR PARTY OR PARTIES OR PARTICIPANT?)
S8	4	S1 AND S2 AND S5(3N) (USER? OR MEMBER? OR INDIVIDUAL? OR PARTY OR PARTIES OR PARTICIPANT? OR PERSON?)
S9	5	S7 OR S8
S10	5	IDPAT (sorted in duplicate/non-duplicate order)
S11	5	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Oct 1976-2003/Oct(Updated 040202)
(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200410
(c) 2004 Thomson Derwent

11/5/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015451945 **Image available**
WPI Acc No: 2003-514087/200348
Related WPI Acc No: 2003-505507; 2003-514085; 2003-514131; 2003-514136;
2003-514137; 2003-514147; 2003-768026
XRPX Acc No: N03-408023

Playback control system for a videoconference system spanning a network has a user interface with multiple display windows allowing different resolutions and frame rates and a messaging system

Patent Assignee: THOMSON LICENSING SA (CSFC)
Inventor: CAHNBLEY J; RAMASWAMY K; RICHARDSON J W
Number of Countries: 102 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200352613	A1	20030626	WO 2002US39984	A	20021213	200348 B

Priority Applications (No Type Date): US 2002366331 P 20020320; US 2001341671 P 20011215; US 2001341720 P 20011215; US 2001341797 P 20011215; US 2001341799 P 20011215; US 2001341800 P 20011215; US 2001341801 P 20011215; US 2001341819 P 20011215

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200352613	A1	E	86	G06F-015/16	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG ZM ZW

Abstract (Basic): WO 200352613 A1

NOVELTY - The **video conference** may be held over a Wide Area Network. The user interface has **multiple display windows** allowing different resolutions and frame rates and a messaging system is provided to manage the display and transport **characteristics** in accordance with **individual** display requirements.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for
(a) a user interface for a **videoconferencing** system having a playback device having **multiple display windows** capable of being displayed concurrently and allowing different resolutions and frame rates

(b) a server for a **videoconferencing** system having a messaging system for managing display and transport **characteristics** in accordance with **individual** display requirements

(c) and a method for displaying content from a **videoconference** session by providing **multiple display windows** capable of being displayed concurrently and allowing different resolutions and frame rates

USE - In **videoconferencing** systems.

ADVANTAGE - Allows the parameters of the display at individual user terminals to be selected depending on available resources.

DESCRIPTION OF DRAWING(S) - Figure 1B is a block drawing of a teleconferencing system spanning a Wide Area Network.
pp; 86 DwgNo 1B/27

Title Terms: PLAYBACK; CONTROL; SYSTEM; SYSTEM; SPAN; NETWORK; USER; INTERFACE; MULTIPLE; DISPLAY; WINDOW; ALLOW; RESOLUTION; FRAME; RATE; MESSAGING; SYSTEM

Derwent Class: T01; W01; W02

International Patent Class (Main): G06F-015/16

File Segment: EPI

11/5/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015090385 **Image available**
WPI Acc No: 2003-150903/200315
XRPX Acc No: N03-119124

**Remote communication device for video conference , photographs
document image and user image reflected by two one-way mirrors and
transmits photographed image to another communication device**

Patent Assignee: DOKURITSU GYOSEI HOJIN TSUSHIN SOGO KENK (DOKU-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002232857	A	20020816	JP 200127190	A	20010202	200315 B

Priority Applications (No Type Date): JP 200127190 A 20010202

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002232857	A	7	H04N-007/15	

Abstract (Basic): JP 2002232857 A

NOVELTY - An image pick-up unit (4) which photographs document image and image of a user (11) reflected by two one-way mirrors (7,8) respectively. A transmitter (5) transmits the photographed image to another communication device. The image received from another communication device, is displayed by a display unit (6) and is reflected by a mirror (9) and the one-way mirrors (7).

USE - For **video conference** .

ADVANTAGE - The **user** image and the **character** information are synthesized effectively and the synthesized image is transmitted to other party such that the other party is enabled to participate in the **video conference** comfortably.

DESCRIPTION OF DRAWING(S) - The figure shows the remote communication device. (Drawing includes non-English language text).

Image pick-up unit (4)
Transmitter (5)
Display unit (6)
One-way mirrors (7,8)
Mirror (9)
User (11)
pp; 7 DwgNo 1/8

Title Terms: REMOTE; COMMUNICATE; DEVICE; VIDEO; CONFER; PHOTOGRAPH;
DOCUMENT; IMAGE; USER; IMAGE; REFLECT; TWO; ONE; WAY; MIRROR; TRANSMIT;
PHOTOGRAPH; IMAGE; COMMUNICATE; DEVICE

Derwent Class: P81; T01; W02; W04

International Patent Class (Main): H04N-007/15

International Patent Class (Additional): G02B-005/08; H04N-005/225

File Segment: EPI; EngPI

11/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

014289955 **Image available**
WPI Acc No: 2002-110656/200215
XRPX Acc No: N02-082642

**Communication system such as chat system using internet, changes image
data of image file based on modification of characteristic point input
by user**

Patent Assignee: HIGASHI NIHON DENSHIN DENWA KK (HIGA-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001350706	A	20011221	JP 2000172311	A	20000608	200215 B

Priority Applications (No Type Date): JP 2000172311 A 20000608

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 2001350706 A 6 G06F-013/00

Abstract (Basic): JP 2001350706 A

NOVELTY - An extraction unit extracts characteristic point of face image data of a user. **Several** face image data are adjusted by using the characteristic points and are added to a file. A deformation unit changes the face image data in an image file based on the modification of **characteristic** point input by **user**. A delivery unit (24) delivers the modified image data to another user through conversation server (4).

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for communication method.

USE - E.g. **chat** system using internet.

ADVANTAGE - The image of user can be easily modified and the deformed image is transmitted in real-time to other user easily.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of **chat** system. (Drawing includes non-English language text).

Conversation server (4)

Delivery unit (24)

pp; 6 DwgNo 1/3

Title Terms: COMMUNICATE; SYSTEM; SYSTEM; CHANGE; IMAGE; DATA; IMAGE; FILE; BASED; MODIFIED; CHARACTERISTIC; POINT; INPUT; USER

Derwent Class: T01

International Patent Class (Main): G06F-013/00

International Patent Class (Additional): G06F-015/16

File Segment: EPI

11/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

014050576 **Image available**

WPI Acc No: 2001-534789/200159

XRPX Acc No: N01-396999

User communication method for simultaneous text chat conversations in data network, involves updating conversations associated with respective windows based on received message

Patent Assignee: AT & T CORP (AMTT)

Inventor: DESIMONE A; HOHNE E A; SUNDAR R; THIAGARAJAN V; VISHWANATHAN K K

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6212548	B1	20010403	US 98126162	A	19980730	200159 B

Priority Applications (No Type Date): US 98126162 A 19980730

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 6212548 B1 17 G06F-013/00

Abstract (Basic): US 6212548 B1

NOVELTY - **Several** windows (710,720) viewable by associated user are maintained for each terminal. Each window is associated with one of **chat** conversation. A message having an originator ID and conversation ID is received at the terminal. The conversations associated with respect to windows at the terminals are updated based on the received message.

DETAILED DESCRIPTION - The data network has a number of nodes and they are connected to terminals associated with users. The server mode performs forwarding the message by forming a list of **participants** for each **active chat** conversation, comparing the list of recipients in the message with the stored list and forwarding the received message to the terminal. The non-participant users are excluded. INDEPENDENT CLAIMS are also included for the following:

(a) Communication server;

(b) User terminal for data communication system

USE - Used in data communication network such as internet **chat**

sessions for maintaining multiple simultaneous real-time asynchronous message sessions between overlapping or non-overlapping set of users.

ADVANTAGE - Pre-agreed security and interest criteria are satisfied to the client by using conversation ID, and originator ID. The processing burden on servers is reduced and real time performance is improved, by using peer-to-peer system organization with direct message handling.

DESCRIPTION OF DRAWING(S) - The figure shows the display of terminal for user including separate windows to display messages in a simultaneous real time multiple party message conversations.

Windows (710,720)

pp; 17 DwgNo 7/7

Title Terms: USER; COMMUNICATE; METHOD; SIMULTANEOUS; TEXT; CONVERSATION;
DATA; NETWORK; UPDATE; CONVERSATION; ASSOCIATE; RESPECTIVE; WINDOW; BASED
; RECEIVE; MESSAGE
Derwent Class: T01
International Patent Class (Main): G06F-013/00
File Segment: EPI

11/5/5 (Item 5 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2004 JPO & JAPIO. All rts. reserv.

05033176 **Image available**

ELECTRONIC CONVERSATION CONTROL SYSTEM

PUB. NO.: 07-325776 [JP 7325776 A]

PUBLISHED: December 12, 1995 (19951212)

INVENTOR(s): KAWASE AIKO

OTE ICHIRO

SANO MAKOTO

IWABUCHI KAZUNORI

OKAYAMA YUKO

APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)

APPL. NO.: 06-120971 [JP 94120971]

FILED: June 02, 1994 (19940602)

INTL CLASS: [6] G06F-013/00; G06F-003/14; H04L-012/40; H04L-012/28

JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 44.3
(COMMUNICATION -- Telegraphy); 45.3 (INFORMATION PROCESSING
-- Input Output Units)

JAPIO KEYWORD:R131 (INFORMATION PROCESSING -- Microcomputers &
Microprocessors)

ABSTRACT

PURPOSE: To easily call a desired opposite party by retrieving this **party** by registering an **icon**, the **user** ID of the opposite party and the machine used by the user related to each other.

CONSTITUTION: In an electronic conversation system which offers a user interface using a **multiwindow** an icon, an icon register means 2010 of a **chat** application module 20 registers the **icon**, the **user** ID of the called opposite party and the machine used by the user related to each other. Then a called g opposite party selector means 2020 calls the opposite **party** from the registered **icon**. An ID retrieving means 2040 retrieves whether the desired opposite party is included in those users who are logged in a work group. Then a corresponding icon display means 2030 retrieves and displays the **icon** of the calling **user** when a call is received.

Set	Items	Description
S1	11873	ICQ OR IRC OR VIDEOCHAT? OR CUCME OR CHATROOM? OR IM OR INSTANT()MESSAG? OR CHAT?? OR VIDEOCONFERENC? OR WEBCHAT? OR WEBCAM? OR (VIDEO OR WEB)() (CHAT? OR CAM? ? OR CONFERENC?)
S2	245670	(MULTIPL? OR PLURAL? OR MANY OR SEVERAL? OR TWO OR 2 OR 2ND OR VARIOUS?)(2N) (WINDOW? OR FRAME? OR IMAGE? OR BOX?) OR MULTIFRAME? OR MULTIWINDOW? OR MULTSTREAM? OR SPLITSSCREEN? OR SP-LIT()SCREEN?
S3	5520	URL OR (UNIFORM? OR UNIVERSAL)()RESOURCE()LOCATOR? OR INTERNET()ADDRESS?
S4	3520	(NAMES OR USER? OR MEMBER? OR INDIVIDUAL? OR PARTICIPANT?)-(2N) (LIST?)
S5	1205844	ICON? ? OR AVATAR? OR CHARACTER?
S6	480	S1 AND S2
S7	34	S6 AND (S3 OR S4 OR S5)
S8	73	S6 AND IC=(G06F-015? OR H04L?)
S9	17	S1(5N)S2 AND IC=(G06F? OR H04L?)
S10	48	S9 OR S7
S11	27	S10 AND IC=(G06F? OR H04L?)
S12	27	IDPAT (sorted in duplicate/non-duplicate order)
S13	27	IDPAT (primary/non-duplicate records only)
File 347:JAPIO Oct 1976-2003/Oct(Updated 040202)		
(c) 2004 JPO & JAPIO		
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200410		
(c) 2004 Thomson Derwent		

13/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015451945 **Image available**
WPI Acc No: 2003-514087/200348
Related WPI Acc No: 2003-505507; 2003-514085; 2003-514131; 2003-514136;
2003-514137; 2003-514147; 2003-768026
XRPX Acc No: N03-408023

**Playback control system for a videoconference system spanning a network
has a user interface with multiple display windows allowing different
resolutions and frame rates and a messaging system**

Patent Assignee: THOMSON LICENSING SA (CSFC)
Inventor: CAHNBLEY J; RAMASWAMY K; RICHARDSON J W
Number of Countries: 102 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200352613	A1	20030626	WO 2002US39984	A	20021213	200348 B

Priority Applications (No Type Date): US 2002366331 P 20020320; US
2001341671 P 20011215; US 2001341720 P 20011215; US 2001341797 P 20011215
; US 2001341799 P 20011215; US 2001341800 P 20011215; US 2001341801 P
20011215; US 2001341819 P 20011215

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200352613	A1	E	86	G06F-015/16	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG ZM
ZW

Abstract (Basic): WO 200352613 A1

NOVELTY - The **video conference** may be held over a Wide Area
Network. The user interface has **multiple display windows** allowing
different resolutions and frame rates and a messaging system is
provided to manage the display and transport **characteristics** in
accordance with individual display requirements.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for

(a) a user interface for a **videoconferencing** system having a
playback device having **multiple display windows** capable of being
displayed concurrently and allowing different resolutions and frame
rates

(b) a server for a **videoconferencing** system having a messaging
system for managing display and transport **characteristics** in
accordance with individual display requirements

(c) and a method for displaying content from a **videoconference**
session by providing **multiple display windows** capable of being
displayed concurrently and allowing different resolutions and frame
rates

USE - In **videoconferencing** systems.

ADVANTAGE - Allows the parameters of the display at individual user
terminals to be selected depending on available resources.

DESCRIPTION OF DRAWING(S) - Figure 1B is a block drawing of a
teleconferencing system spanning a Wide Area Network.

pp; 86 DwgNo 1B/27

Title Terms: PLAYBACK; CONTROL; SYSTEM; SYSTEM; SPAN; NETWORK; USER;
INTERFACE; MULTIPLE; DISPLAY; WINDOW; ALLOW; RESOLUTION; FRAME; RATE;
MESSAGING; SYSTEM

Derwent Class: T01; W01; W02

International Patent Class (Main): G06F-015/16

File Segment: EPI

13/5/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

014050576 **Image available**
WPI Acc No: 2001-534789/200159
XRPX Acc No: N01-396999

User communication method for simultaneous text chat conversations in data network, involves updating conversations associated with respective windows based on received message

Patent Assignee: AT & T CORP (AMTT)
Inventor: DESIMONE A; HOHNE E A; SUNDAR R; THIAGARAJAN V; VISHWANATHAN K K
Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6212548	B1	20010403	US 98126162	A	19980730	200159 B

Priority Applications (No Type Date): US 98126162 A 19980730

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6212548	B1	17	G06F-013/00	

Abstract (Basic): US 6212548 B1

NOVELTY - **Several windows** (710,720) viewable by associated user are maintained for each terminal. Each window is associated with one of **chat** conversation. A message having an originator ID and conversation ID is received at the terminal. The conversations associated with respect to windows at the terminals are updated based on the received message.

DETAILED DESCRIPTION - The data network has a number of nodes and they are connected to terminals associated with users. The server mode performs forwarding the message by forming a **list of participants** for each active **chat** conversation, comparing the list of recipients in the message with the stored list and forwarding the received message to the terminal. The non-participant users are excluded. INDEPENDENT CLAIMS are also included for the following:

- (a) Communication server;
- (b) User terminal for data communication system

USE - Used in data communication network such as internet **chat** sessions for maintaining multiple simultaneous real-time asynchronous message sessions between overlapping or non-overlapping set of users.

ADVANTAGE - Pre-agreed security and interest criteria are satisfied to the client by using conversation ID, and originator ID. The processing burden on servers is reduced and real time performance is improved, by using peer-to-peer system organization with direct message handling.

DESCRIPTION OF DRAWING(S) - The figure shows the display of terminal for user including separate windows to display messages in a simultaneous real time multiple party message conversations.

Windows (710,720)
pp; 17 DwgNo 7/7

Title Terms: USER; COMMUNICATE; METHOD; SIMULTANEOUS; TEXT; CONVERSATION; DATA; NETWORK; UPDATE; CONVERSATION; ASSOCIATE; RESPECTIVE; WINDOW; BASED ; RECEIVE; MESSAGE

Derwent Class: T01

International Patent Class (Main): G06F-013/00

File Segment: EPI

13/5/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013855583 **Image available**

WPI Acc No: 2001-339796/200136

XRPX Acc No: N01-245780

Split screen share system for use in video conference system,
transmits conversion character corresponding to character input in
window of one terminal to window of another terminal

Patent Assignee: OKI ELECTRIC IND CO LTD (OKID)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001092818	A	20010406	JP 99271506	A	19990927	200136 B

Priority Applications (No Type Date): JP 99271506 A 19990927

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001092818	A		8 G06F-017/22	

Abstract (Basic): JP 2001092818 A

NOVELTY - The screen share controller (8) controls the display
content of windows (6,7) of terminals (1,2) which are connected via
communication network. When a **character** is input and displayed in
window (6) of one of the terminals, the controller transmits
corresponding conversion **character** to window (7) of another terminal.

USE - For kana to kanji **character** conversion during **video
conference** .

ADVANTAGE - Enhances **character** conversion.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
split screen share system. (Drawing includes non-English language
text).

Terminals (1,2)

Windows (6,7)

Controller (8)

pp; 8 DwgNo 1/6

Title Terms: SPLIT; SCREEN; SHARE; SYSTEM; VIDEO; CONFER; SYSTEM; TRANSMIT;
CONVERT; **CHARACTER** ; CORRESPOND; **CHARACTER** ; INPUT; WINDOW; ONE;
TERMINAL; WINDOW; TERMINAL

Derwent Class: T01

International Patent Class (Main): G06F-017/22

International Patent Class (Additional): G06F-003/00 ; G06F-003/153 ;

G06F-013/00 ; G06F-017/21 ; G06F-019/00 ; H04N-007/15

File Segment: EPI

13/5/8 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

011810392 **Image available**
WPI Acc No: 1998-227302/199820
XRPX Acc No: N98-180785

**Multimedia multiplexing communication system for video conference -
has output unit which regenerates each media data which is separated by
isolation unit**

Patent Assignee: KOKUSAI DENKI KK (KOKZ)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10070621	A	19980310	JP 96245632	A	19960828	199820 B

Priority Applications (No Type Date): JP 96245632 A 19960828

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10070621	A	7	H04M-011/06	

Abstract (Basic): JP 10070621 A

The system includes a transmitting and receiving unit (17) to transmit and receive multimedia data from an input unit (24). An ISDN circuit (2) and a telephone circuit (3) are connected to the transmitting and receiving unit. The telephone circuit transmits voice and multiplexing unit (16) **multiplexer** an **image** and a **character** to generate a multiplex stream, according to a quota relationship of each media data and a transmission line which are stipulated on a designation table (20). The multiplex stream is transmitted through the telephone circuit and an isolation unit separates the image and the **character**. The transmission line which transmits the media data is designated by a designation unit (21) and the quo to relationship which is altered by a modification unit (19) is managed by a management unit (23). An output unit regenerates each media data which is separated by the isolation unit.

ADVANTAGE - Prevents debasement of transmitted media data. Enables altering of system set up according to different situations.

Dwg.1/6

Title Terms: MULTIPLEX; COMMUNICATE; SYSTEM; VIDEO; CONFER; OUTPUT; UNIT;
REGENERATE; MEDIUM; DATA; SEPARATE; ISOLATE; UNIT

Derwent Class: W01; W02

International Patent Class (Main): H04M-011/06

International Patent Class (Additional): H04J-003/00; **H04L-029/04** ;

H04N-007/15

File Segment: EPI

13/5/9 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011093639 **Image available**
WPI Acc No: 1997-071564/199707
XRPX Acc No: N97-059340

**Multi-screen transfer device of movable image in information processor
such as PC, workstation - in which local bus transfer part transfers
movable image data into transfer place, selected by DMA address
production part**

Patent Assignee: HITACHI GAZO JOHO SYSTEM KK (HITA-N); HITACHI LTD (HITA)
; HITACHI MICON SYSTEM KK (HITA-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8317360	A	19961129	JP 95122144	A	19950522	199707 B

Priority Applications (No Type Date): JP 95122144 A 19950522

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8317360	A	11	H04N-007/14	

Abstract (Basic): JP 8317360 A

The device has a local bus slave part (202) that transmits image transmitting starting signal (210) to start a data transfer timing production part (208). The timing production part produces various timing signals (211-213) to operate DMA at same address production part (207).

A moving image processing equipment (113) outputs movable image data (217) in predetermined format. The DMA address production part selects transfer place in accordance with predetermined format and produces DMA address (216). The transfer place of the movable image data is stored. A local bus master part (201) transfers the movable image data into the selected transfer place.

USE/ADVANTAGE - In video telephone and **video conference** system. Displays **two** movable **images** in information processor, simultaneously.

Dwg.2/21

Title Terms: MULTI; SCREEN; TRANSFER; DEVICE; MOVE; IMAGE; INFORMATION;
PROCESSOR; LOCAL; BUS; TRANSFER; PART; TRANSFER; MOVE; IMAGE; DATA;
TRANSFER; PLACE; SELECT; DMA; ADDRESS; PRODUCE; PART

Derwent Class: T01; W02

International Patent Class (Main): H04N-007/14

International Patent Class (Additional): G06F-003/153 ; G06F-013/00 ;
G06F-017/30 ; H04N-007/24

File Segment: EPI

13/5/10 (Item 10 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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011081119 **Image available**
WPI Acc No: 1997-059043/199706
XRPX Acc No: N97-048900

Multipoint video conference system equipped with multiplexed image data transmission function - has multipoint control device, which carries out multiplexing of image data received from multiple terminals provided at different points and then transmits multiplexed data back to terminals

Patent Assignee: SONY CORP (SONY)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8307844	A	19961122	JP 95107570	A	19950501	199706 B

Priority Applications (No Type Date): JP 95107570 A 19950501

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8307844	A	12	H04N-007/15	

Abstract (Basic): JP 8307844 A

The system has multiple terminals (1a-1e) positioned at different points (A-E). The output image data packets, which consists of header part containing transmitting agency informations, such as ID of each terminal are transmitted from each terminal to multipoint control device (2). The control device performs time division multiplexing of the received image data packets, at high speed.

The multiplexed data is then transmitted to each terminal. At each terminal, the image data of each terminal is separated out from the received multiplexed image data and the required data is used selectively.

ADVANTAGE - Suppresses clarity deterioration associated with decoding and re-encoding processings. Enables to improve degrees of freedom of each terminal to choose partner image to be displayed.

Dwg.1/8

Title Terms: MULTIPOINT; VIDEO; CONFER; SYSTEM; EQUIP; MULTIPLEX; IMAGE; DATA; TRANSMISSION; FUNCTION; MULTIPOINT; CONTROL; DEVICE; CARRY; MULTIPLEX; IMAGE; DATA; RECEIVE; MULTIPLE; TERMINAL; POINT; TRANSMIT; MULTIPLEX; DATA; BACK; TERMINAL

Derwent Class: W01; W02

International Patent Class (Main): H04N-007/15

International Patent Class (Additional): H04J-003/00; H04L-012/18 ;

H04L-012/56 ; H04M-003/56; H04N-007/24

File Segment: EPI

13/5/12 (Item 12 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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008555425 **Image available**
WPI Acc No: 1991-059460/199109
XRPX Acc No: N91-046070

Image superimposing inter frame differential system - has operation circuit obtain image data based on present frame and differential image data

Patent Assignee: FUJITSU LTD (FUIT)
Inventor: YAMAGUCHI M
Number of Countries: 008 Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 414222	A	19910227	EP 90116085	A	19900822	199109 B
JP 3080678	A	19910405	JP 89216888	A	19890823	199120
CA 2023304	A	19910224				199131
US 5130801	A	19920714	US 90571189	A	19900823	199231
EP 414222	A3	19920923	EP 90116085	A	19900822	199339
CA 2023304	C	19931221	CA 2023304	A	19900815	199406
EP 414222	B1	19960410	EP 90116085	A	19900822	199619
DE 69026443	E	19960515	DE 626443	A	19900822	199625
			EP 90116085	A	19900822	

Priority Applications (No Type Date): JP 89216888 A 19890823
Cited Patents: NoSR.Pub; 2.Jnl.Ref; DE 3601919; EP 249696; GB 2157121; GB 2212356; US 4814888; US 4852184

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 414222	A				
					Designated States (Regional): DE FR GB IT NL
US 5130801	A		10	H04N-007/15	
EP 414222	B1 E		13	H04N-007/32	
					Designated States (Regional): DE FR GB IT NL
DE 69026443	E			H04N-007/32	Based on patent EP 414222
CA 2023304	C			G06F-015/66	

Abstract (Basic): EP 414222 A

The image apparatus superimposes a number of images onto one image for display and includes an operation circuit (31) for obtaining an image data related to a next frame based on an image data related to a present frame and a differential image data of a number of images. A memory (20) includes banks (21,22) each having a memory capacity for storing at least one frame of image data. A device (25) generates a display address which is used for making access to the memory banks when reading image data for display.

A display controller (23) stores display image numbers which distinguish the images in correspondence with regions of each of the first and second banks. A bank controller (26) stores bank numbers of the banks in correspondence with the display image numbers to indicate the bank from which the image data is presently being read out for display.

USE - Video conference system. (10pp Dwg.No.3/5)

Title Terms: IMAGE; SUPERIMPOSED; INTER; FRAME; DIFFERENTIAL; SYSTEM; OPERATE; CIRCUIT; OBTAIN; IMAGE; DATA; BASED; PRESENT; FRAME; DIFFERENTIAL; IMAGE; DATA

Derwent Class: W02

International Patent Class (Main): G06F-015/66 ; H04N-007/15; H04N-007/32

International Patent Class (Additional): G06F-015/72 ; H04N-005/26;

H04N-005/262; H04N-005/272; H04N-007/13; H04N-007/14

File Segment: EPI

13/5/15 (Item 15 from file: 347)
DIALOG(R) File 347:JAPIO
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07608133 **Image available**
COMMUNICATION METHOD, COMMUNICATION SYSTEM, SERVER DEVICE, AND TERMINAL
EQUIPMENT

PUB. NO.: 2003-101979 [JP 2003101979 A]
PUBLISHED: April 04, 2003 (20030404)
INVENTOR(s): MATSUOKA HIROSHI
APPLICANT(s): CANON INC
APPL. NO.: 2001-291579 [JP 20011291579]
FILED: September 25, 2001 (20010925)
INTL CLASS: H04N-007/15; **H04L-012/42** ; H04M-003/56

ABSTRACT

PROBLEM TO BE SOLVED: To provide a video conference system composed of video conference servers not increasing loads of terminals even when many participants are connected to the servers and video conference terminals for which a simple image processing is sufficient, to which many participants can be connected just by adding the server.

SOLUTION: In a communication system, a plurality of the video conference servers connected to a plurality of the video conference terminals are connected in a ring shape. The video conference server multiplexes communication data from the connected video conference terminal, circulates them among the video conference servers as video conference server data, also creates a video conference screen according to a request from the video conference terminal and outputs it to the video conference terminal. The video conference terminal transmits the data for which video images and sound of a camera/a microphone and pattern instruction data for **video conference** screen to be displayed are **multiplexed** and reproduces **images** /sound from terminal display data generated in the video conference server.

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13/5/16 (Item 16 from file: 347)
DIALOG(R)File 347:JAPIO
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07400118 **Image available**
INFORMATION TERMINAL DEVICE, INFORMATION DISPLAY METHOD, AND INFORMATION
PRESENTATION SYSTEM

PUB. NO.: 2002-268620 [JP 2002268620 A]
PUBLISHED: September 20, 2002 (20020920)
INVENTOR(s): YAMADA TAKESHI
IWASA KENJI
NOJIMA KENJI
APPLICANT(s): SANYO ELECTRIC CO LTD
APPL. NO.: 2001-063720 [JP 20011063720]
FILED: March 07, 2001 (20010307)
INTL CLASS: G09G-005/00; G06F-003/00 ; G06F-003/14 ; G06F-013/00

ABSTRACT

PROBLEM TO BE SOLVED: To obtain an information terminal device, an information display method, and an information presentation system which can display pieces of homepage information at the same time although the operation is controlled by a system having no multiwindow function.

SOLUTION: The information terminal device 50 which has its operation controlled by the system having no **multiwindow** function obtains homepage information and **chat** information from a server 20 through a network 12 and is so controlled as to display the obtained information, piece by piece, in mutually different areas in the display area of a liquid crystal display that the information terminal device 50 is equipped with.

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13/5/19 (Item 19 from file: 347)
DIALOG(R) File 347:JAPIO
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05033176 **Image available**
ELECTRONIC CONVERSATION CONTROL SYSTEM

PUB. NO.: 07-325776 [JP 7325776 A]
PUBLISHED: December 12, 1995 (19951212)
INVENTOR(s): KAWASE AIKO
OTE ICHIRO
SANO MAKOTO
IWABUCHI KAZUNORI
OKAYAMA YUKO
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 06-120971 [JP 94120971]
FILED: June 02, 1994 (19940602)
INTL CLASS: [6] G06F-013/00 ; G06F-003/14 ; H04L-012/40 ; H04L-012/28

JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 44.3
(COMMUNICATION -- Telegraphy); 45.3 (INFORMATION PROCESSING
-- Input Output Units)
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers &
Microprocessors)

ABSTRACT

PURPOSE: To easily call a desired opposite party by retrieving this party
by registering an **icon**, the user ID of the opposite party and the machine
used by the user related to each other.

CONSTITUTION: In an electronic conversation system which offers a user
interface using a **multiwindow** an **icon**, an **icon** register means 2010 of
a **chat** application module 20 registers the **icon**, the user ID of the
called opposite party and the machine used by the user related to each
other. Then a called g opposite party selector means 2020 calls the
opposite party from the registered **icon**. An ID retrieving means 2040
retrieves whether the desired opposite party is included in those users who
are logged in a work group. Then a corresponding **icon** display means 2030
retrieves and displays the **icon** of the calling user when a call is
received.

Set	Items	Description
S1	2723	AU=(STONE G? OR STONE, G?)
S2	41556	AU=(SMITH D? OR SMITH, D?)
S3	0	AU=(SUHIH A? OR SUHIH, A?)
S4	1888	AU=(STONE S? OR STONE, S?)
S5	924	AU=(STONE L? OR STONE, L?)
S6	0	S1 AND S2 AND S3 AND S4 AND S5
S7	76	(S1 OR S2 OR S3 OR S4 OR S5) AND (WEBCAST? OR WEBCAM? OR C-HAT? OR WEBCHAT? OR VIDEOCONFERENC? OR ICQ OR CUCME OR IRC)
S8	0	S1 AND S2 AND S4 AND S5
S9	2	S1 AND S2
S10	0	S1 AND S4
S11	0	S1 AND S5
S12	1	S2 AND S4
S13	0	S2 AND S5
S14	13	S7 AND (VIDEO? OR IMAGE? OR MPG OR MPEG OR AVI OR STREAM? - OR MULTIMEDIA? OR MULTI()MEDIA?)
S15	16	S14 OR S12 OR S9
S16	13	RD (unique items)
File	2:INSPEC 1969-2004/Feb W1	(c) 2004 Institution of Electrical Engineers
File	6:NTIS 1964-2004/Feb W2	(c) 2004 NTIS, Intl Cpyrght All Rights Res
File	8:EI Compendex(R) 1970-2004/Jan W4	(c) 2004 Elsevier Eng. Info. Inc.
File	16:Gale Group PROMT(R) 1990-2004/Feb 10	(c) 2004 The Gale Group
File	34:SciSearch(R) Cited Ref Sci 1990-2004/Feb W1	(c) 2004 Inst for Sci Info
File	35:Dissertation Abs Online 1861-2004/Jan	(c) 2004 ProQuest Info&Learning
File	65:Inside Conferences 1993-2004/Feb W2	(c) 2004 BLDSC all rts. reserv.
File	94:JICST-EPlus 1985-2004/Feb W1	(c)2004 Japan Science and Tech Corp(JST)
File	144:Pascal 1973-2004/Feb W1	(c) 2004 INIST/CNRS
File	275:Gale Group Computer DB(TM) 1983-2004/Feb 10	(c) 2004 The Gale Group
File	647:CMP Computer Fulltext 1988-2004/Feb W1	(c) 2004 CMP Media, LLC
File	674:Computer News Fulltext 1989-2004/Feb W1	(c) 2004 IDG Communications
File	636:Gale Group Newsletter DB(TM) 1987-2004/Feb 10	(c) 2004 The Gale Group

16/3,K/11 (Item 2 from file: 65)
DIALOG(R)File 65:Inside Conferences
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03370596 INSIDE CONFERENCE ITEM ID: CN035601041

Videoconferencing and business air travel

Braybrook, T.; Smith, D. ; Shaw, L.

CONFERENCE: Australasian Transport Research Forum-Conference; 22nd
PAPERS OF THE AUSTRALASIAN TRANSPORT RESEARCH FORUM, 1998; VOL 22 P:
571-586

New South Wales, New South Wales Transport Data Centre, 1998

ISBN: 073132806X; 0731328086

LANGUAGE: English DOCUMENT TYPE: Conference Selected papers

CONFERENCE SPONSOR: Australasian Transport Research Forum

CONFERENCE LOCATION: Sydney, Australia

CONFERENCE DATE: Sep 1998 (199809) (199809)

Videoconferencing and business air travel

Braybrook, T.; Smith, D. ; Shaw, L.

Set	Items	Description
S1	170	AU=(STONE G? OR STONE, G?)
S2	5315	AU=(SMITH D? OR SMITH, D?)
S3	0	AU=(SUHIH A? OR SUHIH, A?)
S4	94	AU=(STONE S? OR STONE, S?)
S5	87	AU=(STONE L? OR STONE, L?)
S6	0	S1 AND S2 AND S3 AND S4 AND S5
S7	609	(S1 OR S2 OR S3 OR S4 OR S5) AND IC=(G06F? OR H04L?)
S8	11	S7 AND (WEBCAST? OR WEBCAM? OR CHAT? OR WEBCHAT? OR VIDEOC- ONFERENC? OR ICQ OR CUCME OR IRC)
S9	0	S1 AND S2 AND S4 AND S5
S10	0	S1 AND S2
S11	0	S1 AND S4
S12	0	S1 AND S5
S13	0	S2 AND S4
S14	0	S2 AND S5
S15	11	IDPAT S8 (sorted in duplicate/non-duplicate order)
S16	10	IDPAT S8 (primary/non-duplicate records only)

File 347:JAPIO Oct 1976-2003/Oct(Updated 040202)
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File 348:EUROPEAN PATENTS 1978-2004/Feb W01
(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040205,UT=20040129
(c) 2004 WIPO/Univentio

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200409
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16/5/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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013972888 **Image available**
WPI Acc No: 2001-457101/200149
XRPX Acc No: N01-338797

Information filtering method for use with web browsers, involves passing requested information which is filtered by filter engine using filter database

Patent Assignee: SURFMONKEY.COM INC (SURF-N)
Inventor: CHUPIN F; JAROL S; REDKEY D; SMITH D
Number of Countries: 093 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200133371	A1	20010510	WO 2000US41274	A	20001018	200149 B
AU 200119700	A	20010514	AU 200119700	A	20001018	200149

Priority Applications (No Type Date): US 99435142 A 19991105

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200133371	A1	E	30	G06F-013/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200119700	A			G06F-013/00	Based on patent WO 200133371
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Abstract (Basic): WO 200133371 A1

NOVELTY - The filter database contains information for filtering the requested information. The filtering engine filters requested information using filter database and passes filtered requested information to web browser for viewing.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Filtering method of requested information;

(b) Required information filtering program

USE - For use with web browser to filter adult contents on Internet, to regulate information available through web sites, chat rooms, and electronic mail.

ADVANTAGE - Quality filters for use with filter engines are provided by filter database that includes remotely accessed databases.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic diagram of browser client requesting web page over the Internet from server.

pp; 30 DwgNo 1/11

Title Terms: INFORMATION; FILTER; METHOD; WEB; PASS; REQUEST; INFORMATION;
FILTER; FILTER; ENGINE; FILTER; DATABASE

Derwent Class: T01

International Patent Class (Main): G06F-013/00

International Patent Class (Additional): G06F-017/30

File Segment: EPI